

Ohio State University  
Horticulture and Crop Science

FALL APPLIED SOYBEAN RESIDUAL HERBICIDE TRIAL

Trial ID: 08FALLSOYRES      Study Dir.: Anthony F. Dobbels  
Location: WESTERN BRANCH F-8      Investigator: Dr. Mark M. Loux

GENERAL TRIAL INFORMATION

Study Director: Anthony F. Dobbels  
Investigator: Dr. Mark M. Loux

Conducted Under GLP (Y/N): N      Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1. AMBTR	Giant ragweed	Ambrosia trifida
2. AMBEL	Common ragweed	Ambrosia artemisiifolia
3. CHEAL	Common lambsquarters	Chenopodium album
4. SETFA	Giant foxtail	Setaria faberi

Crop 1: GLXMA SOYBEAN      Variety: ASGROW AG3705  
Planting Date: May/01/2008      Planting Method: KINZE 2000  
Rate: 177642 SEED/A      Depth: 0.5 IN  
Row Spacing: 15 IN      Seed Bed: NO-TILL

SITE AND DESIGN

Plot Width, Unit: 6.67 FT      Plot Length, Unit: 30 FT      Reps: 3  
Tillage Type: NO-TILL      Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 2.2      Texture: SILTY CLAY LOAM  
pH: 5.7      Soil Name: KOKOMO  
CEC: 13.7      Fert. Level: EXCELLENT

APPLICATION DESCRIPTION

	A	B
Application Date:	Nov/19/2007	Apr/23/2008
Time of Day:	10:00 A.M.	9:00 A.M.
Application Method:	SPRAY	SPRAY
Application Timing:	FALL	PREPLA
Applic. Placement:	BROADCAST	BROADCAST
Air Temp., Unit:	43 F	59 F
% Relative Humidity:	82	71
Wind Velocity, Unit:	7 SE	1 E
Soil Temp., Unit:	42 F	52 F
Soil Moisture:	MOIST/MOI	DRY/MOIST
% Cloud Cover:	100	0

CROP STAGE AT EACH APPLICATION

A      B  
Crop 1 Code, Stage: GLXMA GLXMA

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	AMBTR	AMBTR 1-2"
Stage Scale:	2 LVS	
Density, Unit:	14.6 M2	
Weed 2 Code, Stage:	AMBEL	AMBEL 1/4"
Stage Scale:	2 LVS	
Density, Unit:	6.66 M2	
Weed 3 Code, Stage:	CHEAL	CHEAL 1/4"
Stage Scale:	2 LVS	
Density, Unit:	141 M2	
Weed 4 Code, Stage:	SETFA	SETFA 1/4"
Stage Scale:	1 LV	
Density, Unit:	406 M2	

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	BACKPACK
Operating Pressure:	50	53
Nozzle Type:	DG	DG
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	18 IN	18 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	20 GPA	20 GPA
Propellant:	CO2	CO2

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Trial ID: 08FALLSOYRES Study Dir.: Anthony F. Dobbels  
Location: WESTERN BRANCH F-8 Investigator: Dr. Mark M. Loux

Rating Data Type		AMBEL CONTROL PERCENT	CHEAL CONTROL PERCENT	AMBTR CONTROL PERCENT	SETFA CONTROL PERCENT	CHEAL CONTROL PERCENT	AMBEL CONTROL PERCENT				
Rating Unit		Apr/22/2008	Apr/22/2008	Apr/22/2008	Apr/29/2008	Apr/29/2008	Apr/29/2008				
Rating Date		7 EPP	7 EPP	7 EPP	AT PLANT	AT PLANT	AT PLANT				
Trt-Eval Interval		0	0	0	0	0	0				
# Subsamples, Dec.		0	0	0	0	0	0				
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	UTC					0 b	0 b	0 b	63 ab	82 ab	83 a
1	ROUNDUP ORIGINAL MAX	22 oz/a			7 EPP B						
1	AMS	3 qt/a			7 EPP						
2	VALOR XLT 3 OZ								67 ab	100 a	77 ab
2	VALOR SX	1.76 oz/a		FALL	A						
2	CLASSIC	1.24 oz/a		FALL							
2	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
2	2,4-D	1 qt/a		FALL							
2	AMS	3 qt/a		FALL							
2	NIS	6.4 oz/a		FALL							
3	VALOR XLT 4 OZ								73 ab	100 a	87 a
3	VALOR SX	2.35 oz/a		FALL	A						
3	CLASSIC	1.65 oz/a		FALL							
3	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
3	2,4-D	1 qt/a		FALL							
3	AMS	3 qt/a		FALL							
3	NIS	6.4 oz/a		FALL							
4	VALOR XLT 5 OZ								73 ab	100 a	60 ab
4	VALOR SX	2.93 oz/a		FALL	A						
4	CLASSIC	2.06 oz/a		FALL							
4	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
4	2,4-D	1 qt/a		FALL							
4	AMS	3 qt/a		FALL							
4	NIS	6.4 oz/a		FALL							
5	VALOR XLT 6 OZ								67 ab	100 a	100 a
5	VALOR SX	3.52 oz/a		FALL	A						
5	CLASSIC	2.47 oz/a		FALL							
5	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
5	2,4-D	1 qt/a		FALL							
5	AMS	3 qt/a		FALL							
5	NIS	6.4 oz/a		FALL							
6	VALOR SX	2 oz/a		FALL	A				95 a	100 a	100 a
6	2,4-D	1 qt/a		FALL							
6	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
6	NIS	6.4 oz/a		FALL							
6	VALOR XLT 3 OZ										
6	VALOR SX	1.76 oz/a		7 EPP	B						
6	CLASSIC	1.24 oz/a		7 EPP							
6	2,4-D	1 pt/a		7 EPP							
6	NIS	6.4 oz/a		7 EPP							
7	AUTHORITY MTZ	11 oz/a		FALL	A				48 b	20 cd	30 bc
7	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
7	2,4-D	1 pt/a		FALL							
7	AMS	2 qt/a		FALL							
8	AUTHORITY MTZ	8 oz/a		FALL	A				50 b	37 bcd	60 ab
8	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
8	2,4-D	1 pt/a		FALL							
8	AMS	2 qt/a		FALL							
9	AUTHORITY FIRST	3 oz/a		FALL	A				30 bc	47 abc	73 ab
9	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
9	2,4-D	1 pt/a		FALL							
9	AMS	2 qt/a		FALL							

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Weed Code					AMBEL	CHEAL	AMBTR	SETFA	CHEAL	AMBEL	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date					Apr/22/2008	Apr/22/2008	Apr/22/2008	Apr/29/2008	Apr/29/2008	Apr/29/2008	
Trt-Eval Interval					7 EPP	7 EPP	7 EPP	AT PLANT	AT PLANT	AT PLANT	
# Subsamples, Dec.					0	0	0	0	0	0	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
10	AUTUMN	0.3 oz/a		FALL	A				33 bc	47 abc	30 bc
10	SENCOR DF	10 oz/a		FALL							
10	COC	0.8 qt/a		FALL							
10	28%	1.5 qt/a		FALL							
11	AUTUMN	0.3 oz/a		FALL	A				37 bc	52 abc	73 ab
11	SPARTAN	3.5 oz/a		FALL							
11	COC	0.8 qt/a		FALL							
11	28%	1.5 qt/a		FALL							
12	CLASSIC	1 oz/a		FALL	A				40 b	100 a	100 a
12	EXPRESS	0.1 oz/a		FALL							
12	2,4-D	16 oz/a		FALL							
12	COC	0.8 qt/a		FALL							
13	CANOPY EX 2.2 OZ								30 bc	97 a	92 a
13	CLASSIC	2 oz/a		FALL	A						
13	EXPRESS	0.2 oz/a		FALL							
13	2,4-D	16 oz/a		FALL							
13	COC	0.8 qt/a		FALL							
14	EXPRESS	0.33 oz/a		FALL	A				37 bc	68 ab	88 a
14	2,4-D	16 oz/a		FALL							
14	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ					100 a	100 a	70 a	67 ab	100 a	100 a
15	CLASSIC	1 oz/a		FALL	A						
15	EXPRESS	0.1 oz/a		FALL							
15	2,4-D	16 oz/a		FALL							
15	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ										
15	CLASSIC	1 oz/a		7 EPP	B						
15	EXPRESS	0.1 oz/a		7 EPP							
15	2,4-D	16 oz/a		7 EPP							
15	COC	0.8 qt/a		7 EPP							
16	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	0 b	0 b	0 b	73 ab	83 ab	90 a
16	2,4-D	1 pt/a		FALL							
16	AMS	4 qt/a		FALL							
16	CANOPY EX 2.2 OZ										
16	CLASSIC	2 oz/a		7 EPP	B						
16	EXPRESS	0.2 oz/a		7 EPP							
16	2,4-D	16 oz/a		7 EPP							
16	COC	0.8 qt/a		7 EPP							
17	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	0 b	13 b	10 b	73 ab	75 ab	95 a
17	2,4-D	1 pt/a		FALL							
17	AMS	4 qt/a		FALL							
17	ROUNDUP WEATHERMAX	22 oz/a		7 EPP	B						
17	2,4-D	1 pt/a		7 EPP							
17	AMS	4 qt/a		7 EPP							
18	UTC					0 b	0 b	0 b	0 c	0 d	0 c
LSD (P=.05)						0.0	19.4	20.4	25.6	30.8	30.6
Standard Deviation						0.0	10.3	10.8	15.4	18.5	18.4
CV						0.0	45.56	67.75	28.89	25.48	24.7
Bartlett's X2						0.0	0.0	0.003	12.668	9.04	15.429
P(Bartlett's X2)						.	.	0.955	0.628	0.434	0.164
Replicate F						0.000	1.000	1.319	3.148	2.413	0.193
Replicate Prob(F)						1.0000	0.4096	0.3198	0.0557	0.1048	0.8256
Treatment F						0.000	53.500	23.745	6.790	8.855	7.258
Treatment Prob(F)						1.0000	0.0001	0.0002	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)  
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	# Subsamples, Dec.	AMBTR CONTROL PERCENT	SETFA CONTROL PERCENT	CHEAL CONTROL PERCENT	AMBEL CONTROL PERCENT	AMBTR CONTROL PERCENT	PHYTO CONTROL PERCENT
						Apr/29/2008 AT PLANT	May/13/2008 14 DAPL	May/13/2008 14 DAPL	May/13/2008 14 DAPL	May/13/2008 14 DAPL	May/28/2008 30 DAPL
						0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	UTC					73 abc	80 ab	100 a	92 a	88 ab	0 a
1	ROUNDUP ORIGINAL MAX	22 oz/a		7 EPP	B						
1	AMS	3 qt/a		7 EPP							
2	VALOR XLT 3 OZ					40 cde	52 bcd	100 a	77 a	30 de	0 a
2	VALOR SX	1.76 oz/a		FALL	A						
2	CLASSIC	1.24 oz/a		FALL							
2	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
2	2,4-D	1 qt/a		FALL							
2	AMS	3 qt/a		FALL							
2	NIS	6.4 oz/a		FALL							
3	VALOR XLT 4 OZ					65 a-d	53 bc	100 a	73 a	63 bc	0 a
3	VALOR SX	2.35 oz/a		FALL	A						
3	CLASSIC	1.65 oz/a		FALL							
3	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
3	2,4-D	1 qt/a		FALL							
3	AMS	3 qt/a		FALL							
3	NIS	6.4 oz/a		FALL							
4	VALOR XLT 5 OZ					40 cde	65 abc	100 a	97 a	47 cd	0 a
4	VALOR SX	2.93 oz/a		FALL	A						
4	CLASSIC	2.06 oz/a		FALL							
4	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
4	2,4-D	1 qt/a		FALL							
4	AMS	3 qt/a		FALL							
4	NIS	6.4 oz/a		FALL							
5	VALOR XLT 6 OZ					57 b-e	52 bcd	100 a	95 a	40 cd	0 a
5	VALOR SX	3.52 oz/a		FALL	A						
5	CLASSIC	2.47 oz/a		FALL							
5	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
5	2,4-D	1 qt/a		FALL							
5	AMS	3 qt/a		FALL							
5	NIS	6.4 oz/a		FALL							
6	VALOR SX	2 oz/a		FALL	A	98 a	90 a	100 a	100 a	93 a	0 a
6	2,4-D	1 qt/a		FALL							
6	ROUNDUP ORIGINAL MAX	11 oz/a		FALL							
6	NIS	6.4 oz/a		FALL							
6	VALOR XLT 3 OZ										
6	VALOR SX	1.76 oz/a		7 EPP	B						
6	CLASSIC	1.24 oz/a		7 EPP							
6	2,4-D	1 pt/a		7 EPP							
6	NIS	6.4 oz/a		7 EPP							
7	AUTHORITY MTZ	11 oz/a		FALL	A	20 ef	22 de	13 b	2 c	10 e	0 a
7	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
7	2,4-D	1 pt/a		FALL							
7	AMS	2 qt/a		FALL							
8	AUTHORITY MTZ	8 oz/a		FALL	A	40 cde	0 e	28 b	0 c	0 e	0 a
8	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
8	2,4-D	1 pt/a		FALL							
8	AMS	2 qt/a		FALL							
9	AUTHORITY FIRST	3 oz/a		FALL	A	30 def	0 e	30 b	50 b	0 e	0 a
9	ROUNDUP ORIGINAL MAX	10.7 oz/a		FALL							
9	2,4-D	1 pt/a		FALL							
9	AMS	2 qt/a		FALL							
10	AUTUMN	0.3 oz/a		FALL	A	20 ef	10 e	27 b	0 c	10 e	0 a
10	SENCOR DF	10 oz/a		FALL							
10	COC	0.8 qt/a		FALL							
10	28%	1.5 qt/a		FALL							

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Weed Code	AMBTR	SETFA	CHEAL	AMBEL	AMBTR	PHYTO
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Apr/29/2008	May/13/2008	May/13/2008	May/13/2008	May/13/2008	May/28/2008
Trt-Eval Interval	AT PLANT	14 DAPL	14 DAPL	14 DAPL	14 DAPL	30 DAPL
# Subsamples, Dec.	0	0	0	0	0	0

Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
11	AUTUMN	0.3 oz/a		FALL	A	30 def	10 e	23 b	0 c	0 e	0 a
11	SPARTAN	3.5 oz/a		FALL							
11	COC	0.8 qt/a		FALL							
11	28%	1.5 qt/a		FALL							
12	CLASSIC	1 oz/a		FALL	A	73 abc	32 cde	88 a	100 a	63 bc	0 a
12	EXPRESS	0.1 oz/a		FALL							
12	2,4-D	16 oz/a		FALL							
12	COC	0.8 qt/a		FALL							
13	CANOPY EX 2.2 OZ					68 a-d	32 cde	97 a	100 a	60 c	0 a
13	CLASSIC	2 oz/a		FALL	A						
13	EXPRESS	0.2 oz/a		FALL							
13	2,4-D	16 oz/a		FALL							
13	COC	0.8 qt/a		FALL							
14	EXPRESS	0.33 oz/a		FALL	A	60 a-d	0 e	37 b	2 c	7 e	0 a
14	2,4-D	16 oz/a		FALL							
14	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ					87 ab	62 abc	100 a	100 a	95 a	0 a
15	CLASSIC	1 oz/a		FALL	A						
15	EXPRESS	0.1 oz/a		FALL							
15	2,4-D	16 oz/a		FALL							
15	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ										
15	CLASSIC	1 oz/a		7 EPP	B						
15	EXPRESS	0.1 oz/a		7 EPP							
15	2,4-D	16 oz/a		7 EPP							
15	COC	0.8 qt/a		7 EPP							
16	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	73 abc	67 ab	100 a	100 a	98 a	0 a
16	2,4-D	1 pt/a		FALL							
16	AMS	4 qt/a		FALL							
16	CANOPY EX 2.2 OZ										
16	CLASSIC	2 oz/a		7 EPP	B						
16	EXPRESS	0.2 oz/a		7 EPP							
16	2,4-D	16 oz/a		7 EPP							
16	COC	0.8 qt/a		7 EPP							
17	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	67 a-d	65 abc	98 a	100 a	87 ab	0 a
17	2,4-D	1 pt/a		FALL							
17	AMS	4 qt/a		FALL							
17	ROUNDUP WEATHERMAX	22 oz/a		7 EPP	B						
17	2,4-D	1 pt/a		7 EPP							
17	AMS	4 qt/a		7 EPP							
18	UTC					0 f	0 e	0 b	0 c	0 e	0 a
LSD (P=.05)						24.5	21.3	26.9	20.0	19.4	0.0
Standard Deviation						14.7	12.8	16.1	12.0	11.6	0.0
CV						28.07	33.3	23.36	19.9	26.4	0.0
Bartlett's X2						9.617	16.255	13.961	12.655	19.04	0.0
P(Bartlett's X2)						0.725	0.18	0.083	0.027*	0.088	.
Replicate F						1.864	0.860	1.264	3.058	0.141	0.000
Replicate Prob(F)						0.1705	0.4321	0.2954	0.0609	0.8689	1.0000
Treatment F						9.496	16.883	17.432	42.655	32.001	0.000
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	0.0001	1.0000

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Weed Code						SETFA	AMBTR	AMBEL	CHEAL	AMARE	POLPY
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date						May/28/2008	May/28/2008	May/28/2008	May/28/2008	May/28/2008	May/28/2008
Trt-Eval Interval						30 DAPL	30 DAPL	30 DAPL	30 DAPL	30 DAPL	30 DAPL
# Subsamples, Dec.						0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18
1	UTC					53 b	85 ab	83 a	83 a	23 cd	40 bc
1	ROUNDUP ORIGINAL MAX	22	oz/a		7 EPP B						
1	AMS	3	qt/a		7 EPP						
2	VALOR XLT 3 OZ					53 b	40 cde	85 a	100 a	98 a	100 a
2	VALOR SX	1.76	oz/a	FALL	A						
2	CLASSIC	1.24	oz/a	FALL							
2	ROUNDUP ORIGINAL MAX	11	oz/a	FALL							
2	2,4-D	1	qt/a	FALL							
2	AMS	3	qt/a	FALL							
2	NIS	6.4	oz/a	FALL							
3	VALOR XLT 4 OZ					47 bc	68 abc	63 a	100 a	100 a	92 a
3	VALOR SX	2.35	oz/a	FALL	A						
3	CLASSIC	1.65	oz/a	FALL							
3	ROUNDUP ORIGINAL MAX	11	oz/a	FALL							
3	2,4-D	1	qt/a	FALL							
3	AMS	3	qt/a	FALL							
3	NIS	6.4	oz/a	FALL							
4	VALOR XLT 5 OZ					57 b	48 bcd	90 a	100 a	100 a	100 a
4	VALOR SX	2.93	oz/a	FALL	A						
4	CLASSIC	2.06	oz/a	FALL							
4	ROUNDUP ORIGINAL MAX	11	oz/a	FALL							
4	2,4-D	1	qt/a	FALL							
4	AMS	3	qt/a	FALL							
4	NIS	6.4	oz/a	FALL							
5	VALOR XLT 6 OZ					60 b	47 bcd	100 a	100 a	100 a	100 a
5	VALOR SX	3.52	oz/a	FALL	A						
5	CLASSIC	2.47	oz/a	FALL							
5	ROUNDUP ORIGINAL MAX	11	oz/a	FALL							
5	2,4-D	1	qt/a	FALL							
5	AMS	3	qt/a	FALL							
5	NIS	6.4	oz/a	FALL							
6	VALOR SX	2	oz/a	FALL	A	90 a	99 a	100 a	100 a	100 a	100 a
6	2,4-D	1	qt/a	FALL							
6	ROUNDUP ORIGINAL MAX	11	oz/a	FALL							
6	NIS	6.4	oz/a	FALL							
6	VALOR XLT 3 OZ										
6	VALOR SX	1.76	oz/a	7 EPP	B						
6	CLASSIC	1.24	oz/a	7 EPP							
6	2,4-D	1	pt/a	7 EPP							
6	NIS	6.4	oz/a	7 EPP							
7	AUTHORITY MTZ	11	oz/a	FALL	A	20 cde	0 e	2 b	13 bc	35 c	37 bc
7	ROUNDUP ORIGINAL MAX	10.7	oz/a	FALL							
7	2,4-D	1	pt/a	FALL							
7	AMS	2	qt/a	FALL							
8	AUTHORITY MTZ	8	oz/a	FALL	A	7 e	0 e	7 b	40 bc	80 ab	40 bc
8	ROUNDUP ORIGINAL MAX	10.7	oz/a	FALL							
8	2,4-D	1	pt/a	FALL							
8	AMS	2	qt/a	FALL							
9	AUTHORITY FIRST	3	oz/a	FALL	A	13 de	0 e	73 a	40 bc	85 ab	30 bc
9	ROUNDUP ORIGINAL MAX	10.7	oz/a	FALL							
9	2,4-D	1	pt/a	FALL							
9	AMS	2	qt/a	FALL							
10	AUTUMN	0.3	oz/a	FALL	A	20 cde	17 de	27 b	27 bc	50 bc	40 bc
10	SENCOR DF	10	oz/a	FALL							
10	COC	0.8	qt/a	FALL							
10	28%	1.5	qt/a	FALL							

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Weed Code					SETFA	AMBTR	AMBEL	CHEAL	AMARE	POLPY	
Rating Data Type					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date					May/28/2008	May/28/2008	May/28/2008	May/28/2008	May/28/2008	May/28/2008	
Trt-Eval Interval					30 DAPL	30 DAPL	30 DAPL	30 DAPL	30 DAPL	30 DAPL	
# Subsamples, Dec.					0	0	0	0	0	0	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18
11	AUTUMN	0.3 oz/a		FALL	A	10 e	0 e	7 b	30 bc	77 ab	22 c
11	SPARTAN	3.5 oz/a		FALL							
11	COC	0.8 qt/a		FALL							
11	28%	1.5 qt/a		FALL							
12	CLASSIC	1 oz/a		FALL	A	43 bc	72 abc	97 a	100 a	98 a	100 a
12	EXPRESS	0.1 oz/a		FALL							
12	2,4-D	16 oz/a		FALL							
12	COC	0.8 qt/a		FALL							
13	CANOPY EX 2.2 OZ					40 bcd	63 abc	100 a	100 a	100 a	100 a
13	CLASSIC	2 oz/a		FALL	A						
13	EXPRESS	0.2 oz/a		FALL							
13	2,4-D	16 oz/a		FALL							
13	COC	0.8 qt/a		FALL							
14	EXPRESS	0.33 oz/a		FALL	A	0 e	0 e	22 b	53 ab	83 ab	67 ab
14	2,4-D	16 oz/a		FALL							
14	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ					70 ab	100 a	100 a	100 a	100 a	100 a
15	CLASSIC	1 oz/a		FALL	A						
15	EXPRESS	0.1 oz/a		FALL							
15	2,4-D	16 oz/a		FALL							
15	COC	0.8 qt/a		FALL							
15	CANOPY EX 1.1 OZ										
15	CLASSIC	1 oz/a		7 EPP	B						
15	EXPRESS	0.1 oz/a		7 EPP							
15	2,4-D	16 oz/a		7 EPP							
15	COC	0.8 qt/a		7 EPP							
16	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	68 ab	100 a	100 a	100 a	100 a	100 a
16	2,4-D	1 pt/a		FALL							
16	AMS	4 qt/a		FALL							
16	CANOPY EX 2.2 OZ										
16	CLASSIC	2 oz/a		7 EPP	B						
16	EXPRESS	0.2 oz/a		7 EPP							
16	2,4-D	16 oz/a		7 EPP							
16	COC	0.8 qt/a		7 EPP							
17	ROUNDUP WEATHERMAX	22 oz/a		FALL	A	47 bc	72 abc	100 a	100 a	77 ab	93 a
17	2,4-D	1 pt/a		FALL							
17	AMS	4 qt/a		FALL							
17	ROUNDUP WEATHERMAX	22 oz/a		7 EPP	B						
17	2,4-D	1 pt/a		7 EPP							
17	AMS	4 qt/a		7 EPP							
18	UTC					0 e	0 e	0 b	0 c	0 d	0 c
LSD (P=.05)						20.2	25.6	22.3	28.9	25.2	28.2
Standard Deviation						12.1	15.4	13.4	17.4	15.1	16.9
CV						31.25	34.14	20.89	24.28	19.3	24.13
Bartlett's X2						6.101	18.908	7.913	3.714	19.304	4.184
P(Bartlett's X2)						0.964	0.026*	0.442	0.715	0.013*	0.758
Replicate F						2.894	1.871	3.054	1.039	0.038	1.081
Replicate Prob(F)						0.0691	0.1695	0.0611	0.3648	0.9630	0.3510
Treatment F						14.441	19.303	27.705	13.361	12.391	12.921
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)  
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.